	Application No.	Applicant(s)
Notice of Allowability	10/633,387	KAWAI, KAZUO
	Examiner	Art Unit
	Dean O Takaoka	2817
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to		
2. X The allowed claim(s) is/are 1-7.		
3. A The drawings filed on <u>01 August 2003</u> are accepted by the Examiner.		
 4.		
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).		
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date 3/22/04 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6. Interview Summary Paper No./Mail Da 08), 7. Examiner's Amendr	te

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DETAILED ACTION

Allowable Subject Matter

Claims 1 - 7 are allowed.

The following is an examiner's statement of reasons for allowance:

Oppelt shows a tuning circuit comprising a series resonant circuit (33, 34 – col. 8, lines 12-14), positive and negative feeback loops (C1 and C2) and a negative resistance (where Oppelt discusses using optional resistors in parallel with C2 and in parallel with the first input 261 (e.g. C1) – col. 9, lines 9-15), but does not teach or suggest the negative resistance circuit including an inverse amplifying circuit. Oppelt shows in Figs. 5 and 6 an amplifier (26) but the amplifier show the input signal into the positive terminal with no suggestion of inverting the signal.

The prior art of Kawai (2004/0017273) submitted by the Applicant lists the Japanese filing date (July 26, 2002) but has a Japanese publication date of February 26, 2004, thus does not qualify as a prior art reference under 35 U.S.C. 102(e).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Oppelt – shows a frequency response compensating amplifier circuit.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dean O Takaoka whose telephone number is (571) 272-1772. The examiner can normally be reached on 8:30a - 5:00p Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on (571) 272-1769. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

dot October 14, 2004

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